

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



337073

**Date:** Thursday, August 06, 2009

**From:** Kevin Turner, OSC

**To:** Kevin Turner, Superfund - Emergency Response Branch  
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Dora Bergman, Evansville  
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**Subject:** Clean-up Continues  
Miller Plating Site  
1551 Allen Lane, Evansville, IN  
Latitude: 38.00837  
Longitude: -87.58629

<b>POLREP No.:</b>	6	<b>Site #:</b>	B5MS
<b>Reporting Period:</b>		<b>D.O. #:</b>	0004
<b>Start Date:</b>	1/19/2009	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	1/19/2009	<b>Response Type:</b>	Time-Critical
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>	IND 006 365 985	<b>Incident Category:</b>	Removal Action
<b>RCRIS ID #:</b>		<b>Contract #</b>	EP-S5-09-05

**Site Description**

See Initial POLREP

**Current Activities**

- ☐ Air monitoring continues to be conducted during site activities.
- ☐ On July 21, 2009, 4,900 gallons of hazardous liquids (D002 corrosive, D003 reactive, D007 Chromium, D008 Lead, D009 Mercury and D011 Silver) was transported to Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN.
- ☐ On July 27 and August 3, 2009, 32 tons of hazardous debris (D002 and F008 plating bath residues from the electroplating operations where cyanides are used in the process) was transported to Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR

Belleville, MI.

- ☐ On July 30, 2009, 1,420 gallons of hazardous liquids (nitric acid, sulfuric acid and hydrochloric acid (D002)) was transported to Heritage Environmental Services.
- ☐ ERRS continue to remove piping from and above former plating lines. Once removed, the pipes are decontaminated and placed into a roll-off box for off-site disposal. A total of 28,920 feet of piping has been removed for disposal thus far. In addition, empty drums are decontaminated cut-up or smashed and placed into the roll-off. Approximately 119.67 tons of non-hazardous debris has been disposed of thus far. The non-hazardous debris is disposed at the Laubscher Meadows Landfill in Evansville, IN.
- ☐ Approximately 84,765 gallons of non-hazardous liquid waste has been taken off site by Waste Management. The non-hazardous waste liquid was taken to the Outerloop Landfill located in Louisville, KY, for solidification.
- ☐ Approximately 5.16 tons of scrap metal has been taken off site by a local recycler, Fligeltaub of Evansville, IN.
- ☐ ERRS is carrying on the process of decommissioning the tanks located on site. The tanks are decommissioned by cutting large holes toward the bottom or cutting them in half. As of July 28th, 43 tanks have been decommissioned.
- ☐ Site operations were ceased July 4th to July 12th.
- ☐ Solidification of sludge found in tanks, drums, totes and other containers found through-out the facility. Solidification is being accomplished by the use of lime, corn cob or saw dust depending on the amount of free liquids present and the type of sludge.

### **Planned Removal Actions**

- ☐ Compatible waste streams will be bulked, re-containerized, and appropriately prepared for disposal at off-site disposal facilities.
- ☐ Continue emptying tanks, piping, debris, drums and other containers will be cleaned as necessary, cut to size and disposed of at off-site disposal facilities.
- ☐ Continue to clean floors, walls, ceilings, building components and building contents and/or dispose of items as reasonably possible to remove contamination from spills and contaminated dust or other materials to prevent contaminant migration or cross contamination of cleaned areas.
- ☐ Continue to disassemble the dilapidated portion of the waste water treatment building.
- ☐ Characterize soil from a historic spill which occurred outside the bulk waste water treatment storage building on the east side of the property. Once characterized, dispose of roll-off containing the soil off-site.
- ☐ Characterize, remove and properly dispose of hazardous substance and wastes located at the Site in accordance with U.S. EPA's Off-Site Rule (40 CFR 300.440).
- ☐ Request for quote for lab-packing, house hold hazardous waste chemicals, and disposal of various materials which do not fit into any other waste stream

### **Key Issues**

- ☐ Safe work practices when working with cyanide waste in unknown conditions
- ☐ Continue to determine the exact quantities of waste liquids and solids remaining on-site for off-site disposal
- ☐ Long term oversight of subsurface contamination coming to the surface and other environmental issues needs to be addressed and discussed before demobilization occurs

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$1,000,000.00	\$956,061.15	\$43,938.85	4.39%
RST/START	\$133,000.00	\$98,154.41	\$34,845.59	26.20%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$70,000.00	\$59,237.00	\$10,763.00	15.38%
<b>Total Site Costs</b>				
	\$1,203,000.00	\$1,113,452.56	\$89,547.44	7.44%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**Disposition of Wastes**

<b>Waste Stream</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Disposal Facility</b>
RQ, UN3414, Waste Sodium Cyanide, Solution, 6.1 PGII, Sodium Cyanide/Potassium Cyanide, (D009, D011), ERG#154	4,900 gallons	000260292WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN 46231
RQ, Hazardous Waste Solid, n.o.s. (Chromium), 9, NA3077, PGIII, (RQ-10 lbs), (D007, F008)	16 tons	0002689582FLE	Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR Belleville, MI
RQ, UN1796 Waste Nitrating Acid Mixtures, 0, PGII, (D002), ERG#157	700 gallons	000271748WAS	Heritage Environmental Services, 7901 W. Morris Street, Indianapolis, IN 46231
RQ, UN1796 Waste Nitrating Acid Mixtures, 0, PGII, (D002),	720 gallons	000271748WAS	Heritage Environmental Services, 7901 W. Morris

ERG#157			Street, Indianapolis, IN 46231
RQ, Hazardous Waste Solid, n.o.s. (Chromium),9, NA3077, PGIII, (RQ-10 lbs), (D007,F008)	16 tons	002689590WAS	Michigan Disposal Waste Treatment Plant, 49350 North I-94 Service DR Belleville, MI
Non Hazardcus Debris	4.16	0250176	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN
Non Hazardcus Debris	8.21	0250177	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN
Non Hazardcus Debris	9.01	0250178	Laubscher Meadows Landfill, 2020 Laubscher Road, Evansville, IN

[epaossc.net/millerplating](http://epaossc.net/millerplating)